



19th March 2018

Dear Parents

St. George's School will be holding a Science Week after the Easter holidays. We continually look to raise the profile of science for children in school and believe that this week of activities, investigations and fact-finding can only promote their enjoyment and engagement in the subject even further.

To encourage children's engagement and to stimulate their inquisitiveness around the subject, we are going to hold a series science fairs to share our learning with one another.

SCIENCE FAIRS	TIMES	YEAR GROUPS
Wednesday 25 th April	14.30 – 15.15	YEARS 3 AND 4
Thursday 26 th April	14.30 – 15.15	YEARS 1 AND 2
Friday 27 th April	14.30 – 15.15	YEARS 5 AND 6

The science fairs will provide the opportunity for your child to display a project they have worked on at home, sharing their knowledge and understanding with their peers, other parents and family members in the hall from 2.30pm onwards. Please note: this will be set as home-work over the Easter holidays instead of, not in addition to, what is normally distributed. Reading, spellings, times tables and number bonds work is still encouraged for the benefit of your child.

Ideas for your child's project could be from the disciplines of:

Physics: electronics, computer science, momentum, friction

Chemistry: reactions and interactions

Biology: micro-organisms, anatomy, plants, animals

Environmental Science: sustainability and climate

To give you a flavour of what possible projects can be completed, here are some previously successful ideas that were used by other children:

- How does a stringed instrument produce sound?
- Can you make sound visible?
- Does the amount of water given to plants affect their growth?
- How does sound move through solids, liquids and gases?
- Under what colour do plants grow best?
- Does the moon rise every night at the same location?
- How do fingerprints differ?
- How is the strength of a magnet affected by, glass, cardboard or plastic?

For more inspiration, you can check out lots of project ideas at:

www.scincebuddies.org

www.easyscienceexperiments.co.uk

Hints and tips for children

Do your research: Make sure you can find written information, related to your experiment, such as a science textbooks and websites to explain what is happening using scientific vocabulary.

Keep it simple: Make sure your project can be completed in the time available. Many experiments can be done using household objects - if you have to buy new, make sure you can get hold of things easily and cheaply!

Safety first: Make sure you can perform your experiment safely and ask an adult to help you!

Tips for Parents and Carers

A parent or carer's role will be to guide and support throughout the process, as needed. Depending on the age and personality, some children are very independent and will develop their own ideas and follow it up. Other children will have a lot of enthusiasm, but will not know how to focus in on a topic in a way that fits into a project (e.g., 'Mum, I want to know how electricity works!'). This is a great opportunity to sit down together and put forward some ideas that will guide your child towards something safe and manageable at their learning level.

The experience of producing a science fair project is unique and personalised. You will have some great discussions and it might turn out to be a learning journey for the whole family! Personally, I am looking forward to what could be a memorable week and event in this years' calendar am sure that the children will be excited also.

Thank you for your continued support.

Miss S Russell



Science Co-ordinator